

# ASSIGNMENT 3

Textbook Assignment: "Construction Management," chapter 3, pages 3-1 through 3-30, and "Advanced Base Planning and Embarkation," chapter 4, pages 4-1 through 4-8.

- 
- |   |  |
|---|--|
| <p>3-1. The main purpose of the quality control (QC) program is to prevent discrepancies in workmanship and materials. In addition to the chain of command, who is responsible for quality construction?</p> <ol style="list-style-type: none"> <li>1. Crew leader</li> <li>2. Project chief</li> <li>3. QC chief</li> <li>4. Operations officer</li> </ol> | <p>3-7. What project package folder contains the log of all design change requests?</p> <ol style="list-style-type: none"> <li>1. 5</li> <li>2. 6</li> <li>3. 7</li> <li>4. 8</li> </ol>   |
| <p>3-2. Who is responsible for developing an aggressive QC plan for each project?</p> <ol style="list-style-type: none"> <li>1. QC chief</li> <li>2. Project chief</li> <li>3. Company chief</li> <li>4. Crew leader</li> </ol>   | <p>3-8. How often are red-line drawings updated and compared with the drawings held by the operations department?</p> <ol style="list-style-type: none"> <li>1. Every week</li> <li>2. Every 2 weeks</li> <li>3. Every 3 weeks</li> <li>4. Every 4 weeks</li> </ol>                      |
| <p>3-3. To ensure quality, a means of measuring QC must be established. These QC measures are written on the CAS sheet in what manner?</p> <ol style="list-style-type: none"> <li>1. In construction language</li> <li>2. In military language</li> <li>3. In plain language</li> <li>4. In CEC language</li> </ol>   | <p>3-9. What unit within the battalion performs the material tests that are required by specifications?</p> <ol style="list-style-type: none"> <li>1. MLO</li> <li>2. Safety</li> <li>3. Engineering</li> <li>4. Operations</li> </ol>   |
| <p>3-4. When developing a QC plan, what is the last major step?</p> <ol style="list-style-type: none"> <li>1. Develop equipment report</li> <li>2. Develop material report</li> <li>3. Develop daily QC inspection report</li> <li>4. Develop visitor report</li> </ol>   | <p>3-10. As project materials are received in MLO, they will be inspected by the crew leader for that project. How many days prior to use will they have to be inspected again?</p> <ol style="list-style-type: none"> <li>1. 10</li> <li>2. 20</li> <li>3. 30</li> <li>4. 60</li> </ol> |
| <p>3-5. Where are all test and inspections listed on the CAS sheet?</p> <ol style="list-style-type: none"> <li>1. Front</li> <li>2. Back</li> <li>3. Under Remarks/Results</li> <li>4. Under Assumptions</li> </ol>   | <p>3-11. The goal of the 2ndNCB/3rdNCB is to have what percent of critical path materials on site at project start?</p> <ol style="list-style-type: none"> <li>1. 100</li> <li>2. 75</li> <li>3. 50</li> <li>4. 25</li> </ol>  |
| <p>3-6. The ROICC approves any battalion recommended field changes. What authority approves any changes that require 50 or more man-days of additional direct labor?</p> <ol style="list-style-type: none"> <li>1. ROICC</li> <li>2. Customer</li> <li>3. Operations officer</li> <li>4. 2ndNCB/3rdNCB</li> </ol>   | <p>3-12. In home port who generates the bills of material for your project?</p> <ol style="list-style-type: none"> <li>1. Battalion operations</li> <li>2. Battalion engineering</li> <li>3. 20th or 31th NCR</li> <li>4. Project customer</li> </ol>                                    |

- 3-13. The material take-off list is used for what purpose?
1. First-stage planning
  2. Check-and-balance
  3. MLO order list
  4. Receipt for MLO
- 3-14. What is the purpose of a BM add-on?
1. To order an existing BMLI
  2. To add a continuation of the BM
  3. To decrease paperwork
  4. To order a completely new item
- 3-15. When deployed on an Atlantic site, what report is used to track your materials?
1. Project control report
  2. Project status report
  3. Project material report
  4. Project supply report
- 3-16. What report is used by MLO to track project money spent on locally procured materials?
1. PCR
  2. PSR
  3. EAC
  4. PBR
- 3-17. Once deployed and your project has started, how many working days of material must you keep on the jobsite?
1. 10
  2. 20
  3. 30
  4. 45
- 3-18. For "B" priority locally ordered items, how much lead time must you give MLO after they receive your 1250-1?
1. 1 to 3 days
  2. 2 weeks plus
  3. 3 to 4 weeks
  4. 4 days to 2 weeks
- 3-19. The excess file in MLO is established from material left over from completed projects. How long will MLO store this material?
1. 1 month
  2. 2 months
  3. 3 months
  4. 6 months
- 3-20. The SAMMS computer system in MLO generates a materials due report. How often should MLO provide this report for your project?
1. Once a week
  2. Twice a month
  3. Monthly
  4. Every six months
- 3-21. What is the policy for picking up hitchhikers?
1. Allowed only in foul weather
  2. Encouraged when it does not interfere with your mission
  3. Strictly forbidden
  4. Always allowed
- 3-22. On a piece of operating construction equipment, what determines the number of personnel allowed on it?
1. Number of seats
  2. Amount of room
  3. Type of task
  4. Size of equipment
- 3-23. When will equipment be made available for maintenance?
1. When workload allows
  2. When scheduled by maintenance branch
  3. Upon completion of project
  4. During slack times
- 3-24. Who performs operator maintenance on equipment assigned to your project?
1. The EO assigned to the project
  2. The CM assigned to the project
  3. The individual operating that piece of equipment
  4. The crew leader
- 3-25. Operators of automotive or construction equipment are responsible for the prestart inspection. Where can a list of these services be found?
1. Equipment Repair Order
  2. Shop Repair Order
  3. Project Inspection List
  4. Inspection Guide and Trouble Report (hard card)

- 3-26. Scheduled maintenance is known as preventive maintenance (PM). Besides maximizing equipment availability, what is the prime objective of this maintenance?
1. To slow project completion
  2. To minimize unnecessary repair cost
  3. To maximize shop workload
  4. To fully train shop mechanics
- 3-27. On a piece of NCF equipment, the standard interval between PM service is what number of working days?
1. 90
  2. 60
  3. 30
  4. 40
- 3-28. On what basis, if any can the interval for PM on a piece of equipment be extended?
1. Operator's decision
  2. Project requirements
  3. Crew leader's decision
  4. None; the interval can never be extended
- 3-29. Tool accountability is controlled by the crew leader through tool kit inventories. How often are tool kit inventories required by the Seabee Supply Manual?
1. Monthly
  2. Twice monthly
  3. Quarterly
  4. Annually
- 3-30. What is the first thing visitors notice about your jobsite?
1. Quality of work
  2. Quantity of work
  3. Appearance
  4. Number of personnel assigned
- 3-31. Crew leaders must be prepared for the inspections given by each brigade. The one given by the 3rdNCB is called an ORI. What is the one given by the 2ndNCB called?
1. FEX
  2. DMI
  3. QCI
  4. SPC
- 3-32. Which of the following data is included among the contents of the NAVFAC P-437, volume 1?
1. Amounts of fuel required to operate components
  2. Sizes of the crew it takes to operate facilities
  3. Number of acres of land a facility occupies
  4. Drawings of facilities and assemblies
- 3-33. A site plan for a specific component may be located in what (a) volume and (b) part of the P-437 ABFC?
1. (a) Volume 1 (b) Part 1
  2. (a) Volume 2 (b) Part 2
  3. (a) Volume 1 (b) Part 2
  4. (a) Volume 2 (b) Part 1
- 3-34. A construction network is included in the ABFC system as part of the design package in the NAVFAC P-437. In what grouping can the networks be found?
1. Assembly
  2. Component
  3. Facility
  4. Project
- 3-35. Volume 2 of the NAVFAC P-437 lists, by national stock number (NSN), the material requirements for which of the following units?
1. Facility
  2. Assembly
  3. Project
  4. Component
- 3-36. NAVFAC P-437, volume 2, lists the requirements referred to in question 3-35 not only by NSN, but also by DoD category codes. These same category codes are also listed in which of the following publications?
1. NAVFAC P-72
  2. NAVFAC P-315
  3. NAVFAC P-405
  4. NAVFAC P-307
- 3-37. To find the facility that is required for enlisted personnel quarters, you should look under what category code?
1. 900 - Real Estate
  2. 800 - Utilities and Ground Improvement
  3. 300 - Research, Development, and Evaluation
  4. 700 - Housing and Community

3-38. Assemblies are functionally grouped by numbers so they relate to which of the following installation characteristics?

1. Occupational Field 13 skills required
2. Size of the crew required
3. Amount of Alfa Company support required
4. Amount of supplies on hand

3-39. How can components or facilities be tailored?

1. By specifying requirements for Tropical or North Temperate Zones
2. By deleting or adding facilities or assemblies
3. Both 1 and 2 above
4. By requesting additional assistance from NAVFAC only

3-40. In the ABFC system, what code identifies assemblies required for use in the North Temperate Zone?

1. T
2. NT
3. N
4. c

IN ANSWERING QUESTION 3-41, REFER TO FIGURE 4-2 OF THE TEXTBOOK.

3-41. Approximately how many man-hours should it take to install two 200-kW diesel generators?

1. 10
2. 9
3. 7
4. 5

3-42. In the Facilities Planning Guide, how are component site plans represented?

1. Construction drawing numbers
2. NAVFAC drawing numbers
3. CECOS drawing numbers
4. NCF drawing numbers

3-43. Construction standards are grouped into two classifications, initial and temporary. What is the duration requirement for initial construction?

1. More than 16 weeks
2. Less than 12 weeks
3. More than 8 months
4. Less than 6 months

3-44. Fuel usage is computed for installed engine-driven equipment based on a requirement of how many days?

1. 90
2. 60
3. 30
4. 10

3-45. How are facility drawings in volume 1, part 2 indexed?

1. By facility number
2. By drawing number
3. By construction number
4. By CESE number

3-46. What numbering system is used to identify the Civil Engineer Support Equipment needed to make a facility functionally operational?

1. CESE
2. ECC
3. TOA
4. ABIOL

IN ANSWERING QUESTION 3-47, REFER TO TABLE 4-1 OF THE TEXTBOOK.

3-47. A facility is to be disassembled and moved to another location and reused. What recoverability code is assigned to this facility?

1. A
2. B
3. C
4. D

IN ANSWERING QUESTION 4-48, REFER TO FIGURE 4-4 OF THE TEXTBOOK.

3-48. How many construction electricians are required to install assembly number 32602?

1. One
2. Two
3. Three
4. Four

3-49. When ordering a component, not in your TOA, what authority must the request go through?

1. NAVFAC
2. CNO
3. CESCO
4. OPNAV

3-50. In what publication is the *Index of Facilities* listed?

1. P-404
2. P-307
3. P-437
4. P-315

- 3-51. To obtain fixtures that are not furnished with a facility or an assembly listed in NAVFAC P-437, you should do which of the following?
1. Order them separately
  2. Purchase them on the open market
  3. Pick them up at a supply depot
  4. Build them yourself